

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT


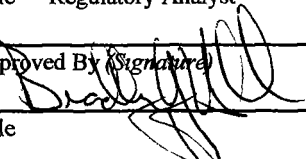
FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work. <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No UTU-01196D
1b Type of Well: <input type="checkbox"/> <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2 Name of Operator Kerr-McGee Oil & Gas Onshore, LP		7. If Unit or CA Agreement, Name and No 891008900A
3a. Address P O. Box 173779 Denver, CO 80217-3779		8. Lease Name and Well No. NBU 1022-09AT
3b. Phone No. (include area code) 720.929 6226		9. API Well No. 43047-40194
4. Location of well (Report location clearly and in accordance with any State requirements *) At surface 472 FNL 582 FEL NE NE Lat. 39 96952 Long -109.43676 At proposed prod zone N/A 44253174 -109.436812 NAD 27		10 Field and Pool, or Exploratory Natural Buttes Field
11 Sec ,T ,R ,M ,or Blk and Survey or Area Sec 9 T 10S R 22E		
14 Distance in miles and direction from the nearest town or post office* 24 7 miles northeast of Ouray, Utah		12. Cou State Utah
15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drlg unit line, if any) 472'	16 No of acres in lease 320	17. Spacing Unit dedicated to this well 40
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft 30'	19 Proposed Depth 8750'	20 BLM/ BIA Bond No on file WYB000291
21 Elevations (Show whether DF RT, GR, etc) 5,137' GR	22 Aproximate date work will start* Upon Approval	Esti mat 10 days
24 Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No 1 shall be attached to this form

- | | |
|---|--|
| 1 Well plat certified by a registered surveyor | 4 Bond to cover the operations unless covered by existing bond on file(see item 20 above) |
| 2 A Drilling Plan | 5 Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Land SUPO shall be filed with the appropriate Forest Service Office) | 6 Such other site specific information and/ or plans as may be required by authorized officer. |

25. Signature 	Name (Printed/ Typed) Kevin McIntyre	RECEIVED JUN 27 2008 DIV. OF OIL, GAS & MINING
Title Regulatory Analyst		
Approved By (Signature) 	Name (Printed/ Typed) BRADLEY G. HILL	07-16-08
Title	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Conditions of approval, if any, are attached

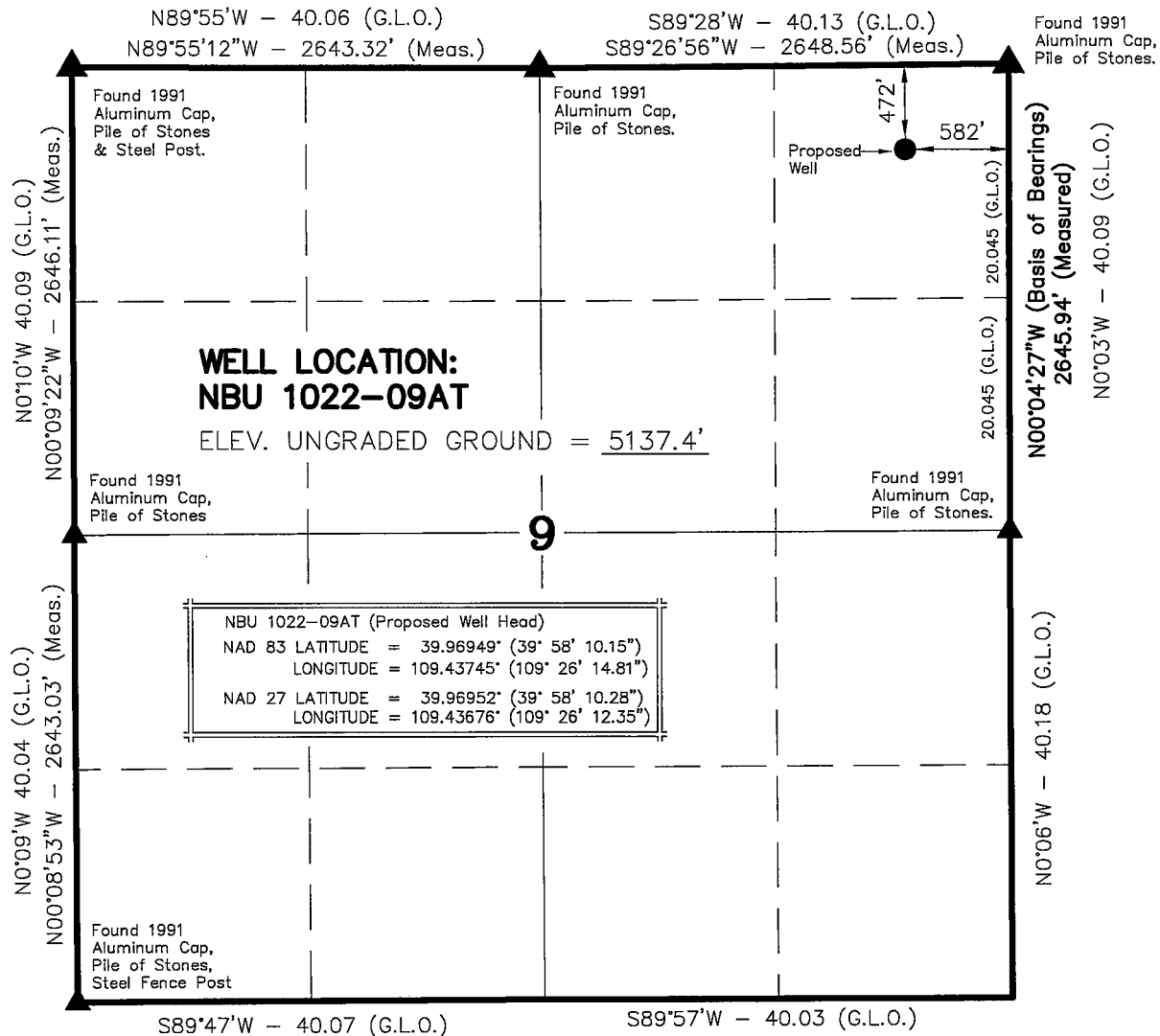
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

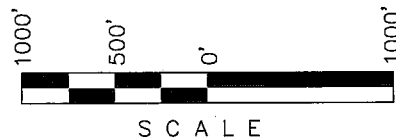
Federal Approval of this
Action is required

T10S, R22E, S.L.B.&M.



NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF LAND SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH
KOLBY R. KAY

Kerr-McGee
Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-09AT
WELL PLAT
472' FNL, 582' FEL
NE $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 9, T10S, R22E,
S.L.B.&M. UTAH COUNTY, UTAH.

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE ENGINEERING & LAND SURVEYING, INC. (435) 789-1365 38 WEST 100 NORTH - VERNAL, UTAH 84078		
DATE SURVEYED: 06-03-08	SURVEYED BY: M.S.B.	SHEET 2 OF 7
DATE DRAWN: 06-05-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

**NBU 1022-09AT
NENE Sec. 9, T10S,R22E
UINTAH COUNTY, UTAH
UTU-01196D**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1144'
Bird's Nest	1446'
Mahogany	1943'
Wasatch	4277'
Mesaverde	6659'
MVU2	7618'
MVL1	8206'
TD	8750'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1144'
	Bird's Nest	1446'
	Mahogany	1943'
Gas	Wasatch	4277'
Gas	Mesaverde	6659'
Gas	MVU2	7618'
Gas	MVL1	8206'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8750' TD, approximately equals 5425 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3500psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

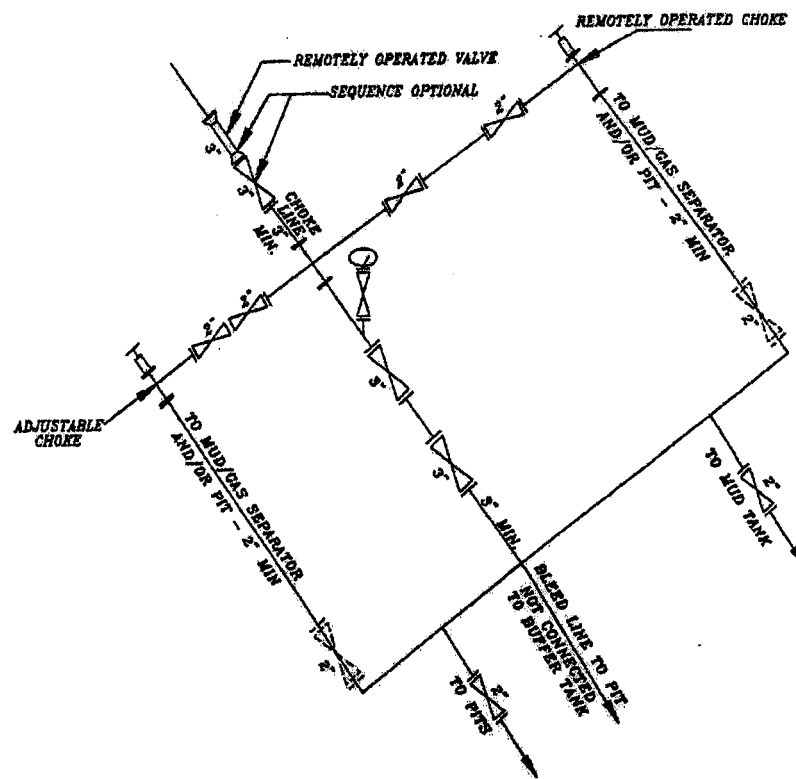
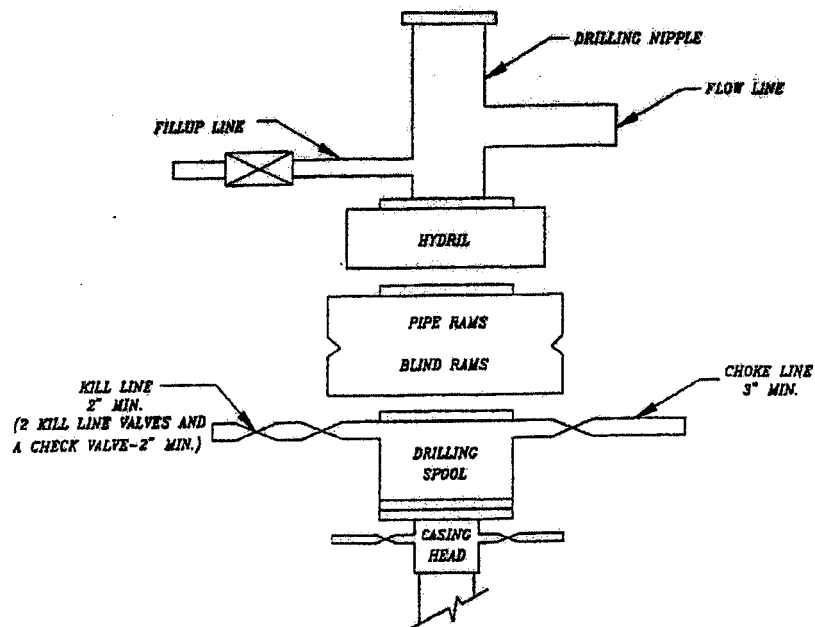
9. **Variances:**

Please see Natural Buttes Unit SOP. Please see Kerr McGee's sundry regarding variance request to Onshore Order #2 regarding Air drilling for surface casing.

10. **Other Information:**

Please see Natural Buttes Unit SOP.

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

**NBU 1022-09AT
NENE Sec. 9 ,T10S,R22E
UINTAH COUNTY, UTAH
UTU-01196D**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

No new access road is planned, as this is a twin location. Refer to Topo Map B.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

No new pipeline, as we will be utilizing the existing NBU #291 pipeline. No TOPO D attached.

Please see the Natural Buttes Unit SOP.

Variances to Best Management Practices (BMPs) Requested:

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

Interim Surface Reclamation Plan:

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the

original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

upon reclamation of the pit the following seed mixture will be used. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheatgrass 12 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. **Surface/Mineral Ownership:**

The well pad, access road, pipeline and mineral ownership are listed below:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. **Stipulations**

Wildlife Stipulations:

- Antelope Stipulations:
No construction from May 15 through June 20.

Critical Soils Stipulations:

No construction when wet.

13. **Other Information:**

A Class III archaeological survey and a paleontological survey have been performed and will be submitted.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

14. Lessee's or Operator's Representative & Certification:

Kevin McIntyre
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
P.O. Box 173779
Denver, CO 80217-3779
(720) 929-6226

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

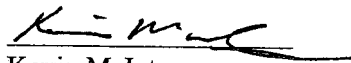
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WYB000291.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Kevin McIntyre

6/24/2008
Date



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 24, 2008
WELL NAME NBU 1022-09AT TD 8,750' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,137' GL KB 5,152'
SURFACE LOCATION NENE 472' FNL & 582' FEL, SEC. 9, T10S, R22E BHL Straight Hole
Latitude: 39.969520 Longitude: -109.436760 NAD 27
OBJECTIVE ZONE(S) Wasatch/Mesaverde
ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 36#, J-55, LTC	Air mist
Catch water sample, if possible, from 0 to 4,277' Green River @ 1,144' Top of Birds Nest Water @ 1446' Mahogany @ 1,943' Preset f/ GL @ 2,000' MD					
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD Open hole logging program f/ TD - surf csg					
	Wasatch @	4,277'			
	Mverde @	6,659'			
	MVU2 @	7,618'			
	MVL1 @	8,206'			
			7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-10.0 ppg
					Max anticipated Mud required 11.6 ppg
		TD @ 8,750'			



DRILLING PROGRAM
CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2000	36.00	J-55	LTC	3520	2020	453000
						1.05	2.16	8.01
PRODUCTION	4-1/2"	0 to 8750	11.60	I-80	LTC	7780	6350	201000
						2.32	1.20	2.27

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft-partial evac gradient x TVD of next csg point))
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: TD = 11.6 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 3500 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized						
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,770'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5-pps gilsonite + 10% gel + 0.5% extender	410	60%	11.00	3.38
	TAIL	4,980'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1390	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE: _____

DRILLING SUPERINTENDENT:

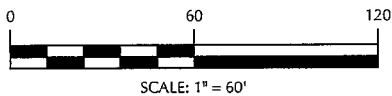
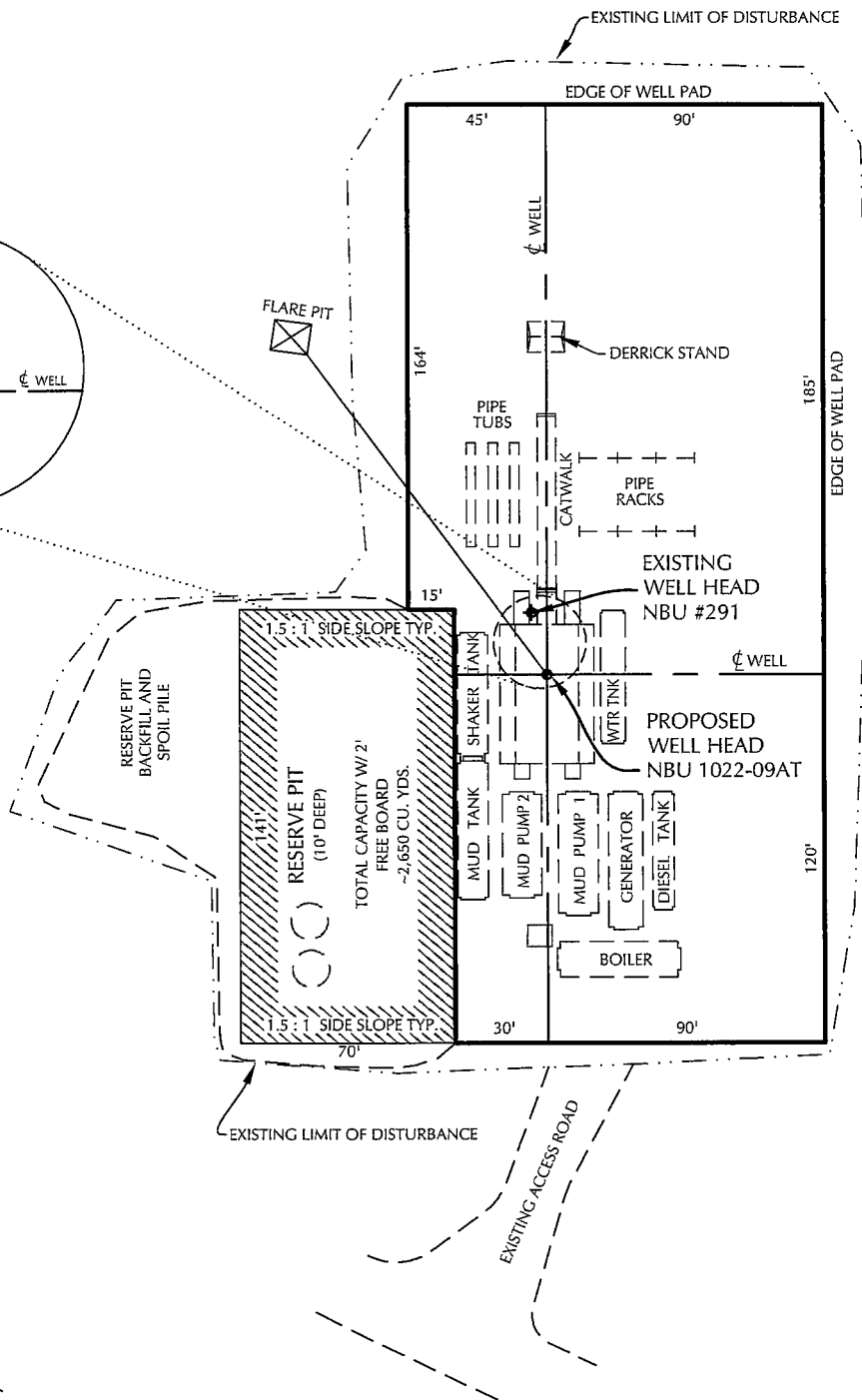
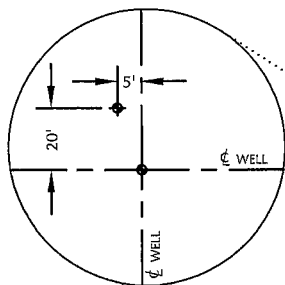
Randy Bayne NBU 1022-09AT.xls

DATE: _____

Kerr-McGee Oil & Gas Onshore, LP
NBU #1022-09AT
SECTION 9, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH, ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.2 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 16.5 MILES TO OURAY, UTAH; PROCEED FROM OURAY, UTAH, IN A SOUTHERLY DIRECTION ON STATE HIGHWAY 88 APPROXIMATELY 9.4 MILES TO THE JUNCTION OF STATE HIGHWAY 88 AND SEEP RIDGE ROAD; EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND GLEN BENCH ROAD; EXIT LEFT AND PROCEED IN AN EASTERLY DIRECTION FOR APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND BITTER CREEK ROAD; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION, GRADUALLY CHANGING TO SOUTHEASTERLY FOR APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION FOR APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND THE PROPOSED NBU 1022-09AT WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH, TO THE PROPOSED NBU 1022-09AT WELL LOCATION IS APPROXIMATELY 54.1 MILES.



**KERR-MCGEE OIL & GAS
ONSHORE, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-09AT
LOCATION LAYOUT
472 FNL - 582' FEL
NE1/4NE1/4, SEC. 9, T.10S., R.22E.
S.L.B. & M., UTAH COUNTY, UTAH**



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

NOTES:

1. FLARE PIT IS TO BE LOCATED A MIN. OF 100' FROM THE WELL HEAD
2. ELEVATION BASED ON TRI-STA "TWO WATERS" LOCATED IN THE NW1/4 OF SEC. 1, T.10S., R.21E., S.L.B. & M. (THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE BIG PACK MTN. NE 7.5 MIN. QUADRANGLE AS BEING 5,238')
3. NBU 1022-09AT EXISTING GROUND ELEVATION = 5,137.4'

Scale: 1"=60'

Date: 6/9/08

SHEET NO:

REVISED:

BY
DATE

3

3 OF 7



PHOTO VIEW: LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

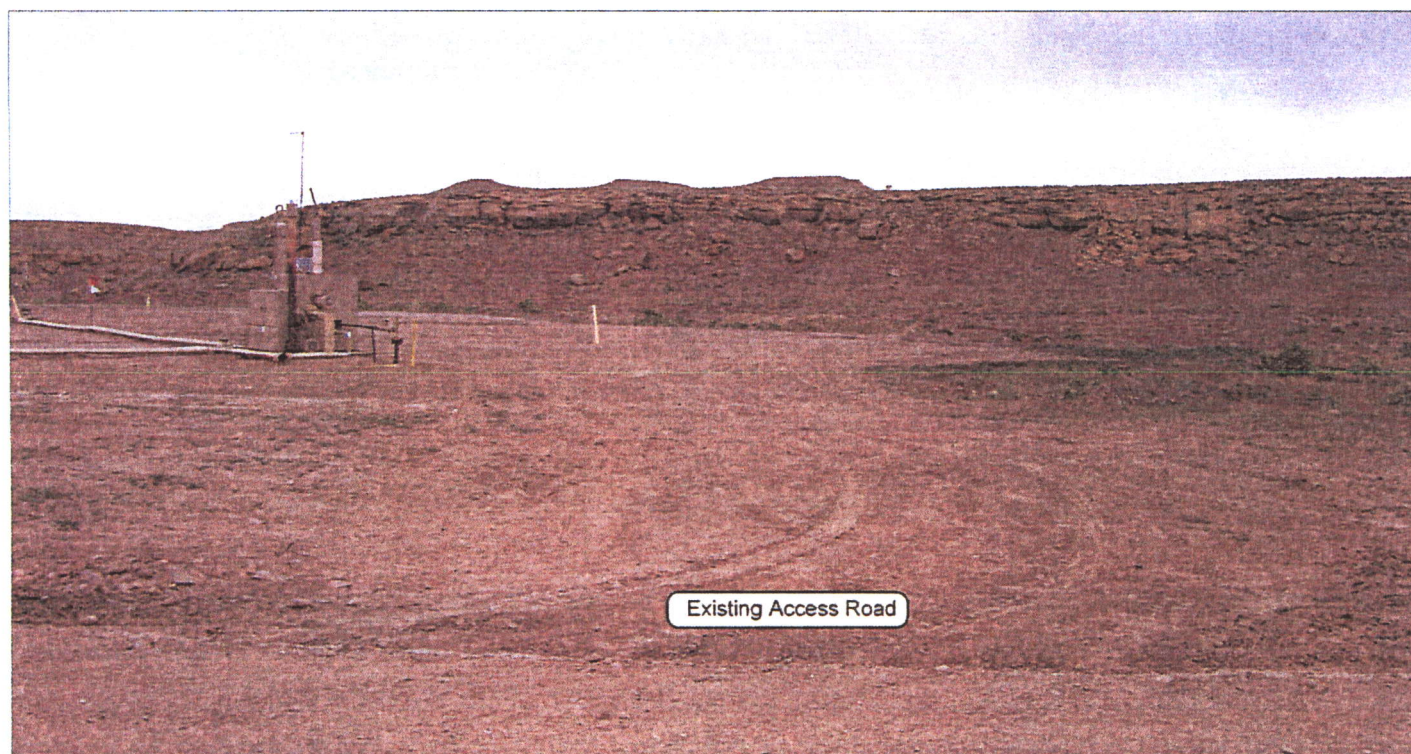


PHOTO VIEW: EXISTING ROAD

CAMERA ANGLE: EASTERLY

**Kerr-McGee
Oil & Gas Onshore, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-09AT
472' FNL, 582' FEL
NE $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 9, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.



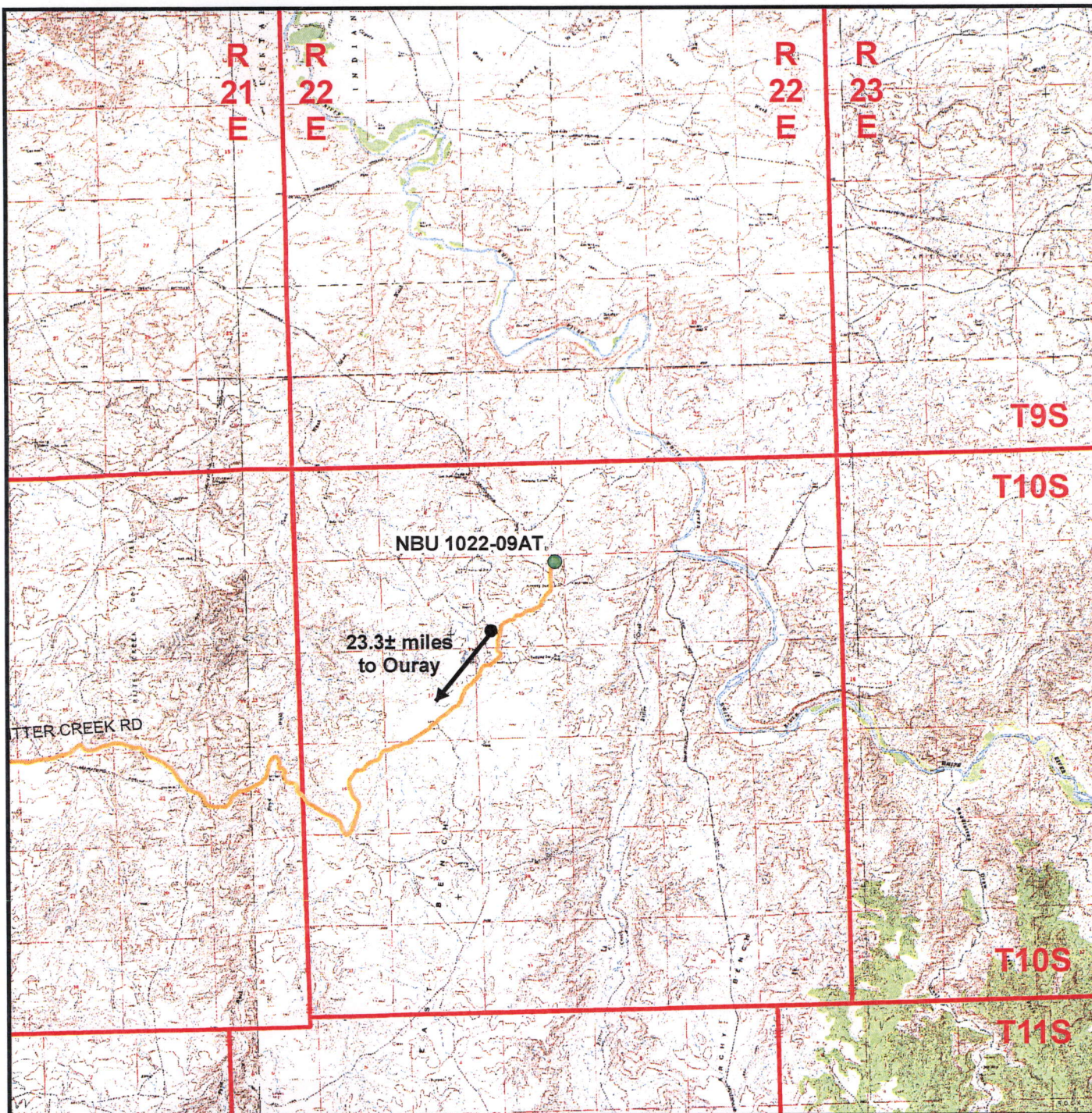
CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

LOCATION PHOTOS

		DATE TAKEN: 06-03-08
		DATE DRAWN: 06-05-08
TAKEN BY: M.S.B.	DRAWN BY: M.W.W.	REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
4
OF 7



Legend

● Proposed NBU 1022-09AT Well Location

— Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-09AT
Topo A
472' FNL, 582' FEL
NE¼ NE¼, Section 9, T10S, R22E
S.L.B.&M., Uintah County, Utah


609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182

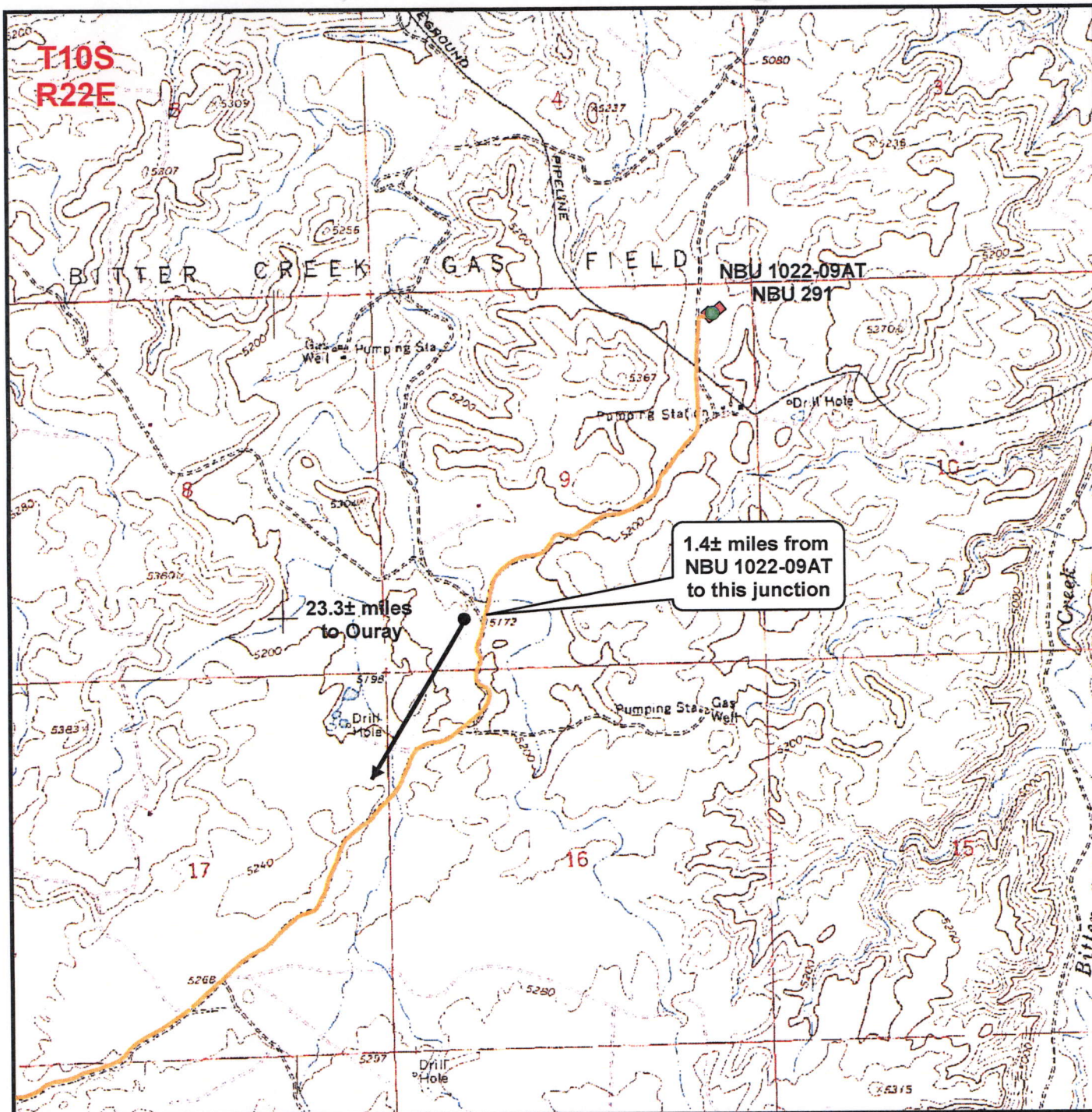


Scale: 1:100,000 NAD83 USP Central
Drawn: JELO Date: 12 June 2008
Revised: Date:

Sheet No:

5

5 of 7



Legend

● Proposed NBU 1022-09AT Well Location

— Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-09AT
Topo B
472' FNL, 582' FEL
NE¼ NE¼, Section 9, T10S, R22E
S.L.B.&M., Uintah County, Utah



CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182

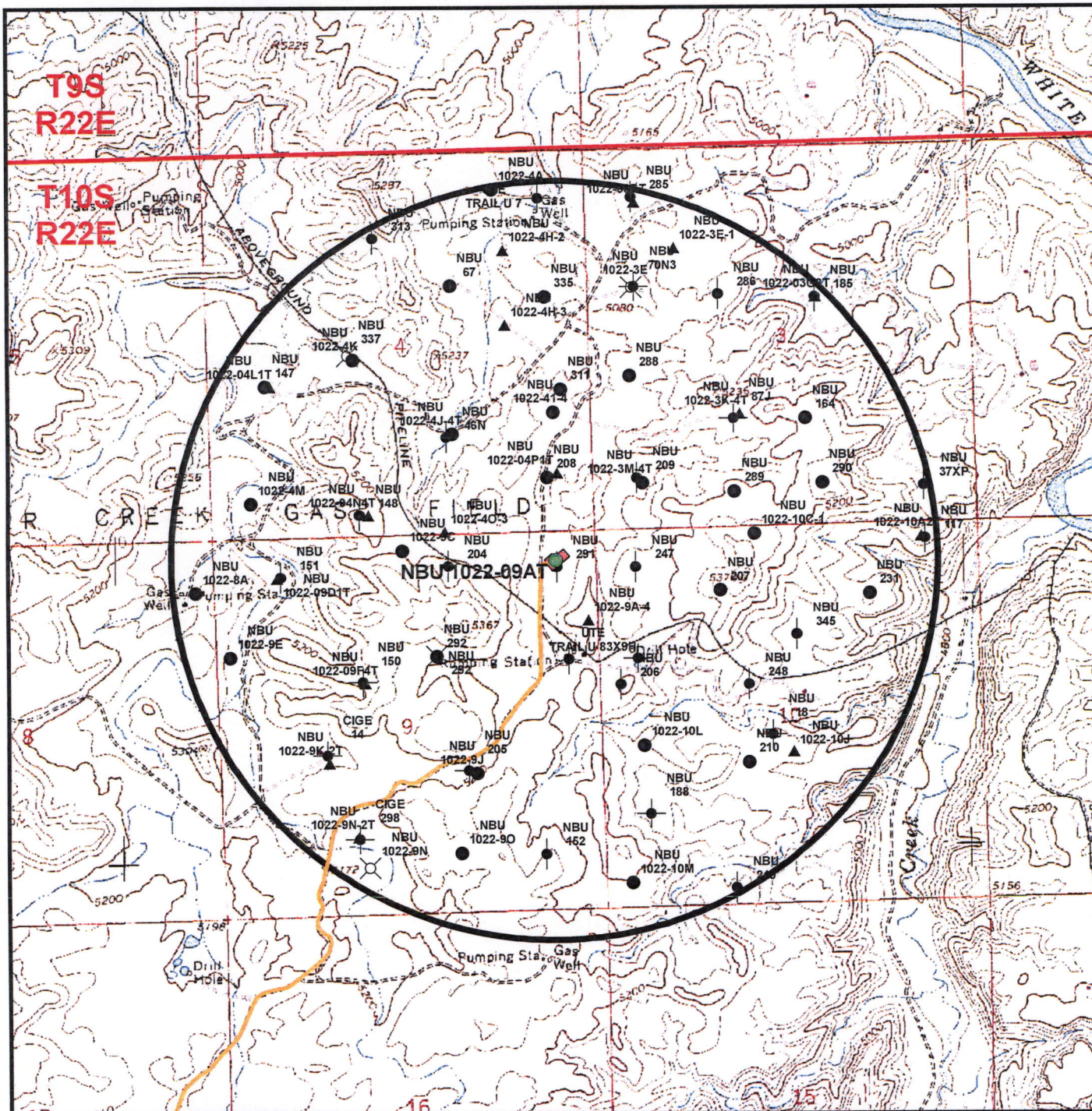


Scale: 1" = 2000ft NAD83 USP Central
Drawn: JELo Date: 9 June 2008
Revised: Date:

Sheet No:

6

6 of 7



Legend

● Proposed NBU 1022-09AT Well Location

— Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-09AT
Topo C
472' FNL, 582' FEL
NE 1/4 NE 1/4, Section 9, T10S, R22E
S.L.B.&M., Uintah County, Utah



CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182



- Producing
- ▲ Approved permit (APD); not yet spudded
- ⊗ Location Abandoned
- ⊕ Plugged and Abandoned
- Shut-In

Scale: 1" = 2000ft
NAD83 USP Central
Drawn: JELo
Revised:

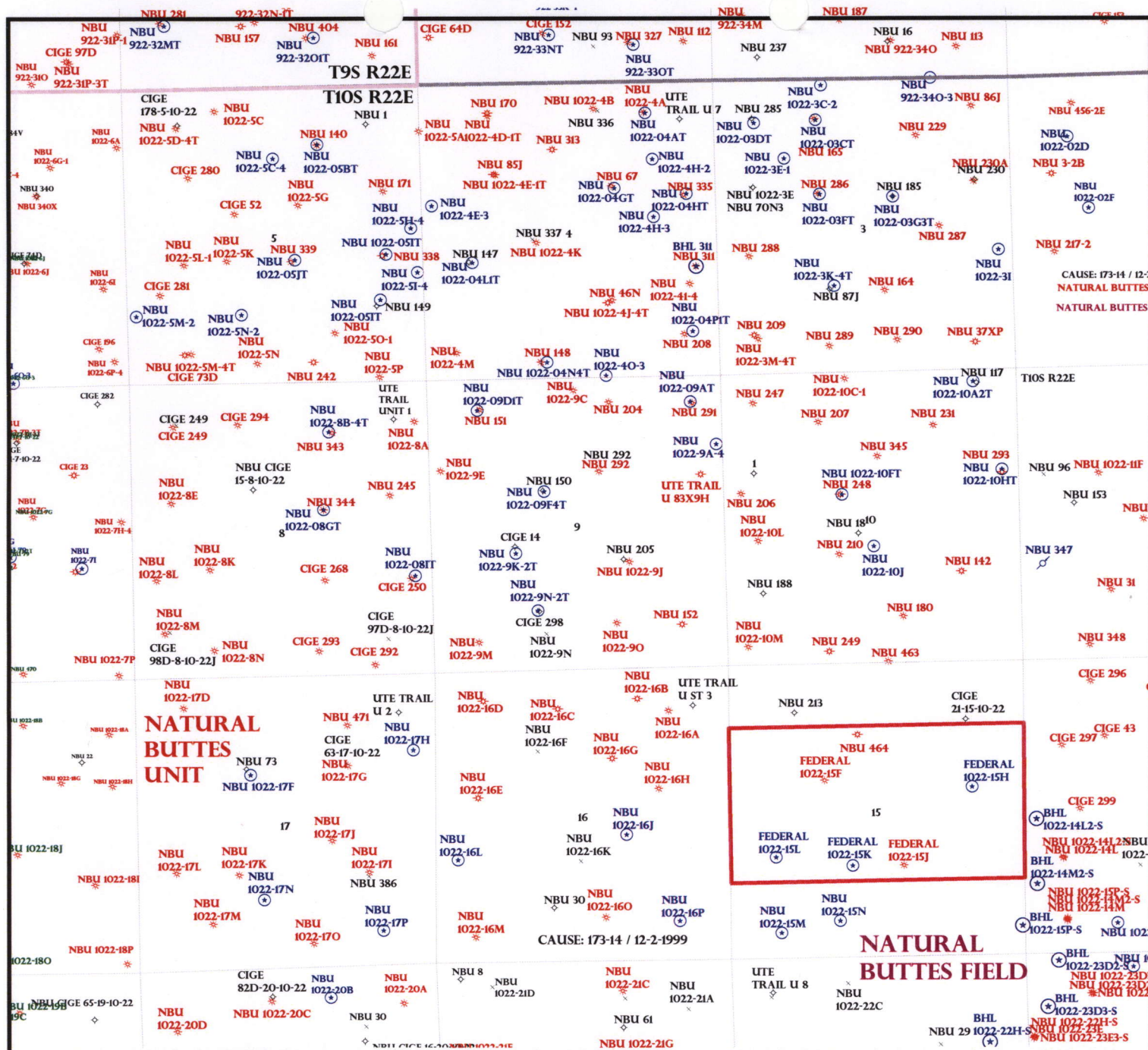
Date: 9 June 2008

Sheet No:

7

7 of 7

1- Federal Approval
2- OIL SHALE



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 8.9.10 T.10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status

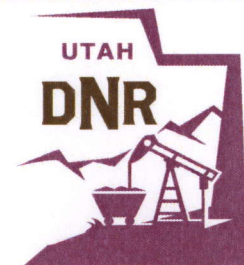
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 14-JULY-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

July 15, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-40184	NBU 921-30FT	Sec 30 T09S R21E 1585 FNL 2614 FWL
43-047-40185	NBU 921-31BT	Sec 31 T09S R21E 0670 FNL 2008 FEL
43-047-40170	NBU 921-27KT	Sec 27 T09S R21E 1527 FSL 1821 FWL
43-047-40171	NBU 921-27MT	Sec 27 T09S R21E 0634 FSL 0931 FWL
43-047-40172	NBU 921-27OT	Sec 27 T09S R21E 0646 FSL 2211 FEL
43-047-40173	NBU 921-27HT	Sec 27 T09S R21E 2025 FNL 0623 FEL
43-047-40174	NBU 921-27LT	Sec 27 T09S R21E 1954 FSL 0641 FWL
43-047-40175	NBU 921-33K	Sec 33 T09S R21E 2066 FSL 1926 FWL
43-047-40227	NBU 921-27C2D	Sec 27 T09S R21E 0650 FNL 1730 FWL
43-047-40203	NBU 921-27D2DS	Sec 27 T09S R21E 0660 FNL 1713 FWL
	BHL	Sec 27 T09S R21E 0395 FNL 0350 FWL
43-047-40202	NBU 921-27D2AS	Sec 27 T09S R21E 0640 FNL 1747 FWL
	BHL	Sec 27 T09S R21E 0050 FNL 0350 FWL
43-047-40201	NBU 921-27C2AS	Sec 27 T09S R21E 0630 FNL 1765 FWL
	BHL	Sec 27 T09S R21E 0300 FNL 1730 FWL
43-047-40169	NBU 921-26IT	Sec 26 T09S R21E 1964 FSL 0674 FEL
43-047-40176	NBU 922-29NT	Sec 29 T09S R22E 0845 FSL 1627 FWL
43-047-40177	NBU 922-29KT	Sec 29 T09S R22E 1795 FSL 1936 FWL
43-047-40178	NBU 922-31BT	Sec 31 T09S R22E 0888 FNL 2191 FEL

43-047-40179	NBU 922-32ET	Sec 32	T09S	R22E	2477	FNL	0094	FWL
43-047-40186	NBU 922-33OT	Sec 33	T09S	R22E	0692	FSL	1465	FEL
43-047-40187	NBU 922-33NT	Sec 33	T09S	R22E	0890	FSL	2291	FWL
43-047-40188	NBU 922-33IT	Sec 33	T09S	R22E	2115	FSL	0579	FEL
43-047-40191	NBU 1022-04GT	Sec 04	T10S	R22E	1897	FNL	1861	FEL
43-047-40189	NBU 922-35IT	Sec 35	T09S	R22E	2133	FSL	0627	FEL
43-047-40190	NBU 1022-01CT	Sec 01	T10S	R22E	0819	FNL	2106	FWL
43-047-40192	NBU 1022-08IT	Sec 08	T10S	R22E	1757	FSL	0323	FEL
43-047-40193	NBU 1022-08GT	Sec 08	T10S	R22E	2313	FNL	1922	FEL
43-047-40194	NBU 1022-09AT	Sec 09	T10S	R22E	0472	FNL	0582	FEL
43-047-40195	NBU 1022-10HT	Sec 10	T10S	R22E	1798	FNL	0297	FEL
43-047-40196	NBU 1022-10FT	Sec 10	T10S	R22E	2200	FNL	2094	FWL
43-047-40204	NBU 1022-32D1S	Sec 32	T10S	R22E	0205	FNL	2058	FWL
	BHL	Sec 32	T10S	R22E	0270	FNL	1310	FWL
43-047-40205	NBU 1022-32D4AS	Sec 32	T10S	R22E	0198	FNL	2077	FWL
	BHL	Sec 32	T10S	R22E	0760	FNL	1180	FWL
43-047-40206	NBU 1022-32B3S	Sec 32	T10S	R22E	0185	FNL	2114	FWL
	BHL	Sec 32	T10S	R22E	1150	FNL	2130	FEL
43-047-40207	NBU 1022-32D4DS	Sec 32	T10S	R22E	0192	FNL	2096	FWL
	BHL	Sec 32	T10S	R22E	1240	FNL	1050	FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:7-15-08



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 16, 2008

Kerr-McGee Oil & Gas Onshore, LP
P O Box 173779
Denver, CO 80217-3779

Re: NBU 1022-09AT Well, 472' FNL, 582' FEL, NE NE, Sec. 9, T. 10 South, R. 22 East,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40194.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: Kerr-McGee Oil & Gas Onshore, LP
Well Name & Number NBU 1022-09AT
API Number: 43-047-40194
Lease: UTU-01196D

Location: NE NE **Sec.** 9 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

RECEIVED

FORM APPROVED JUL 16 2008
OMB NO. 1004-0137
Expires: July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

VERNAL FIELD OFFICE

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

UTU-01196D

1a. Type of Work: ☒ DRILL ☐ REENTER
1b. Type of Well: ☐ ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

16. Indian, Allottee or Tribe Name
N/A

17. Unit or CA Agreement, Name and No.
891008900A

8. Lease Name and Well No.
NBU 1022-09AT

2. Name of Operator

Kerr-McGee Oil & Gas Onshore, LP

9. API Well No.

43 047 40194

3a. Address

P.O. Box 173779
Denver, CO 80217-3779

3b. Phone No. (include area code)

720.929.6226

10. Field and Pool, or Exploratory

Natural Buttes Field

4. Location of well (Report location clearly and in accordance with any State requirements. *)

At surface 472 FNL 582 FEL NE NE Lat. 39.96952 Long. -109.43676

At proposed prod. zone N/A

NAD 27

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 9 T 10S R 22E

14. Distance in miles and direction from the nearest town or post office*

24.7 miles northeast of Ouray, Utah

12. Cou State

Utah

Utah

15. Distance from proposed*

location to nearest
property or lease line, ft. 472'
(Also to nearest drlg. unit line, if any)

16. No. of acres in lease

320

17. Spacing Unit dedicated to this well

40

18. Distance from proposed location*

to nearest well, drilling, completed, 30'
applied for, on this lease, ft.

19. Proposed Depth

8750'

20. BLM/ BIA Bond No. on file

WYB000291

21. Elevations (Show whether DF, RT, GR, etc.)

5,137' GR

22. Approximate date work will start*

Upon Approval

Esti

mat

10 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Land SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by existing bond on file (see item 20 above).

5. Operator certification.

6. Such other site specific information and/ or plans as may be required by authorized officer.

25. Signature

Name (Printed/ Typed)

Kevin McIntyre

Title Regulatory Analyst

Approved By (Signature)

Name (Printed/ Typed)

TERRY KENZKA

Title Assistant Field Manager
Lands & Mineral Resources

Office

VERNAL FIELD OFFICE

NOV 19 2008

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

NOTICE OF APPROVAL

UDOGM

NOV 24 2008

DIV. OF OIL, GAS & MINING

Posted 7/17/08
085X5 0177A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Onshore, LP
Well No: NBU 1022-09AT
API No: 43-047-40194

Location: NENE, Sec. 9, T10S, R22E
Lease No: UTU-01196D
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

Golden Eagle - January 1 through August 31
No drilling or construction during the above indicated dates unless nest is not active.
Per recommendation of the BLM authorized agent.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Kerr McGee's Standard Operating Practices (SOP version: dated 7/17/08 and approved 7/28/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Kerr McGee Oil & Gas Standard Operating Procedures (SOP version: July 28, 2008). The operators drilling plan items 3 to 9 reference the SOP. Kerr McGee shall adhere to the referenced requirements in the SOP.
Kerr McGee and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1200 ft. The minimum cement top is approximately 800 ft above the surface casing shoe.
Cmnt Top (TOC) standard will place cmnt behind casing across formation lost circulation zone, Birds Nest Zone.
COA specification fulfills operators performance standard stated in APD (where operators toc is calc'd with an excess to reach surface).
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU01196D
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE LP Contact: KATHY SCHNEEBECK DULNOAN Email: kathy.schneebeckdulnoan@anadarko.com		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 173779 DENVER, CO 80123	3b. Phone No. (include area code) Ph: 720-929-6007 Fx: 720-929-7007	7. If Unit or CA/Agreement, Name and/or No. 891008900A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T10S R22E NENE 472FNL 582FEL 39.96936 N Lat, 109.43681 W Lon		8. Well Name and No. NBU 1022-09AT
		9. API Well No. 43-047-40194
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a change to the surface location of this well to accomodate the new drilling rigs.

The surface location is changing
FROM: 472' FNL 582' FEL
TO: 447' FNL 551' FEL

633508X 39.969428
4425324Y 109.436707

COPY SENT TO OPERATOR

Date: 4.14.2009

Initials: KS

Please see the attached revised survey plats and interference diagram reflecting this change in surface location. All other information remains the same, including the amount of disturbance.

If you have any questions, please contact the undersigned. Thank you.

*Federal Approval of this
Action is Necessary*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #68697 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE LP, sent to the Vernal	
Name (Printed/Typed) KATHY SCHNEEBECK DULNOAN	Title STAFF REGULATORY ANALYST
Signature <i>Kathy Schneebeck Dulnoan</i> (Electronic Submission)	Date 04/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title BRADLEY G. HILL	Date 04-09-09
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office ENVIRONMENTAL MANAGER		

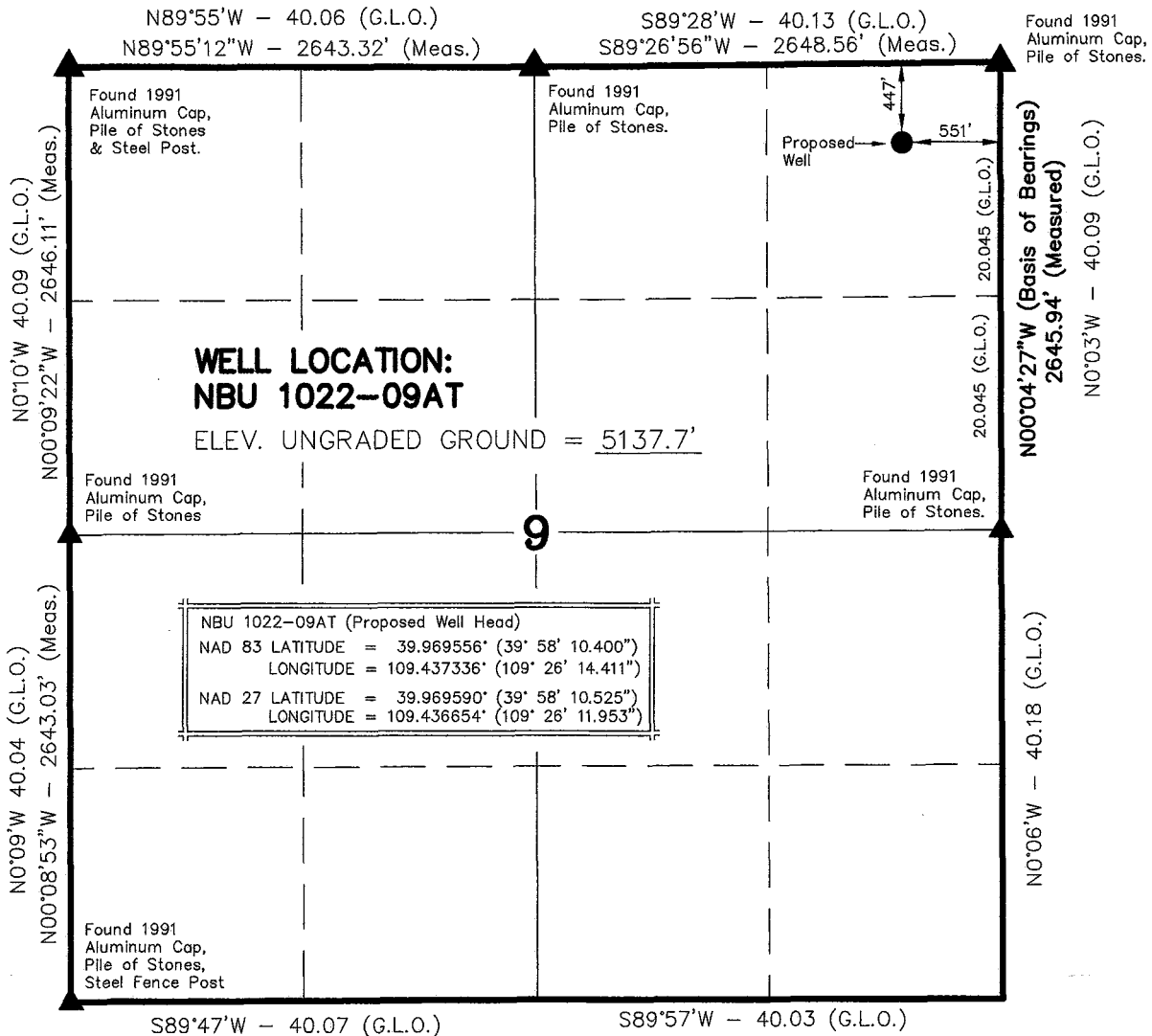
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED APR 9 2009**

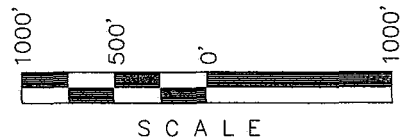
DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M.



NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH
KAY R. KAY

Kerr-McGee
Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-09AT
WELL PLAT
447' FNL, 551' FEL
NE $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 9, T10S, R22E,
S.L.B.&M. UTAH COUNTY, UTAH.

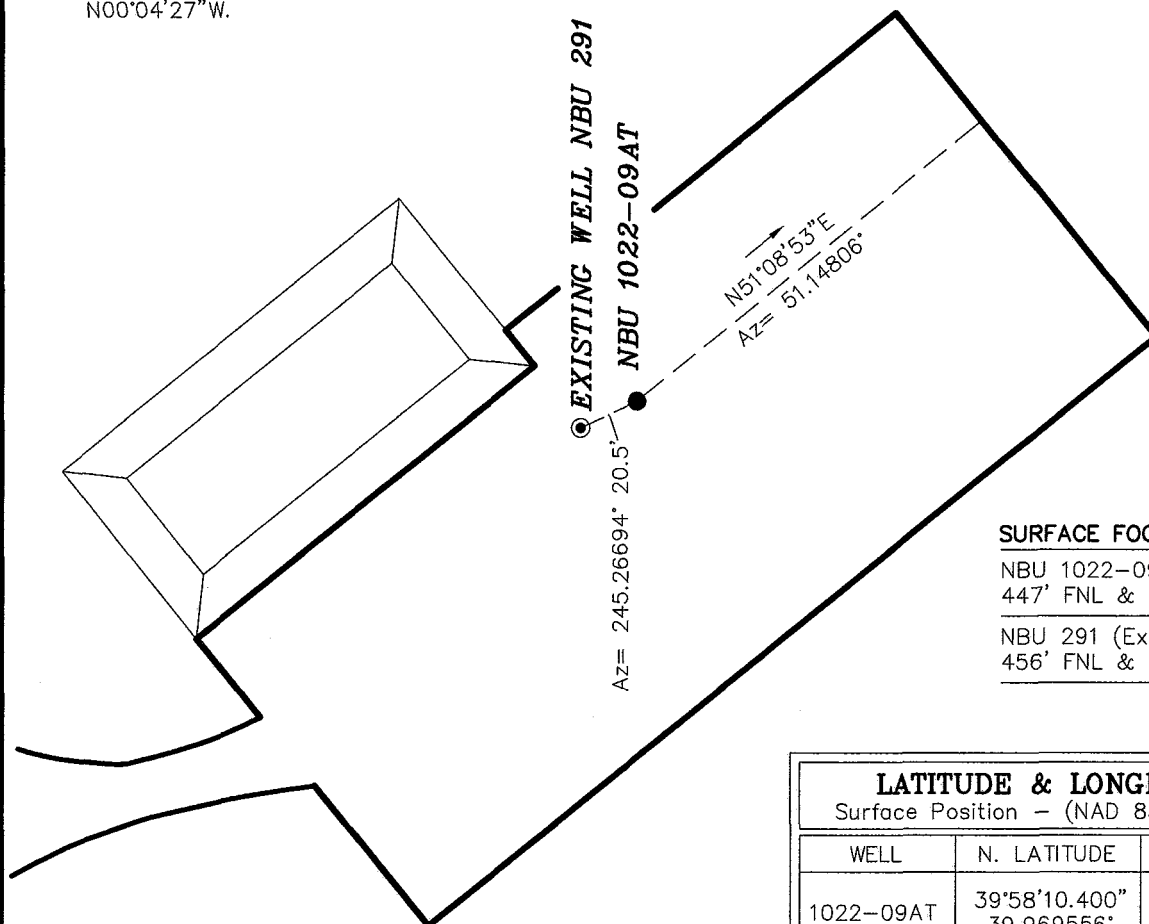
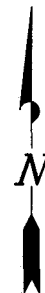
CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE		(435) 789-1365
ENGINEERING & LAND SURVEYING, INC.		
209 NORTH 300 WEST - VERNAL, UTAH 84078		
DATE SURVEYED: 06-03-08	SURVEYED BY: M.S.B.	SHEET 2 OF 7
DATE DRAWN: 06-05-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 03-18-09	

WELL PAD INTERFERENCE PLAT

NBU 1022-09AT

BASIS OF BEARINGS IS THE EAST
LINE OF THE NE 1/4 OF SECTION
9, T10S, R22E, S.L.B.&M. WHICH IS
TAKEN FROM GLOBAL POSITIONING
SATELLITE OBSERVATIONS TO BEAR
N00°04'27"W.



SURFACE FOOTAGES:

NBU 1022-09AT
447' FNL & 551' FEL

NBU 291 (Existing Well Head)
456' FNL & 570' FEL

LATITUDE & LONGITUDE

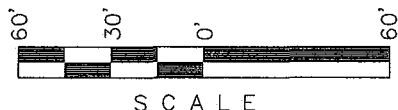
Surface Position - (NAD 83)

WELL	N. LATITUDE	W. LONGITUDE
1022-09AT	39°58'10.400" 39.969556°	109°26'14.411" 109.437336°
Existing Well NBU 291	39°58'10.315" 39.969532°	109°26'14.651" 109.437403°

LATITUDE & LONGITUDE

Surface Position - (NAD 27)

WELL	N. LATITUDE	W. LONGITUDE
1022-09AT	39°58'10.525" 39.969590°	109°26'11.953" 109.436654°
Existing Well NBU 291	39°58'10.440" 39.969567°	109°26'12.193" 109.436720°



Kerr-McGee
Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

NBU 1022-09AT
LOCATED IN SECTION 9, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

DATE SURVEYED: 06-03-08

SURVEYED BY: M.S.B.

DATE DRAWN: 11-19-08

DRAWN BY: M.W.W.

REVISED: 03-18-09

Timberline

(435) 789-1365

Engineering & Land Surveying, Inc.

209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET
2b
OF 7

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr-McGee Oil & Gas Onshore, LP

Well Name: NBU 1022-09AT

API No: 43-047-40194 Lease Type: Federal

Section 09 Township 10S Range 22E County Uintah

Drilling Contractor Pete Martin Drilling Rig # Bucket

SPUDDED:

Date 04/14/09

Time 09:00 AM

How Dry

Drilling will Commence: _____

Reported by Lew Weldon

Telephone # 435-781-7060

Date 04/15/2009 Signed RM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740194	NBU 1022-09AT		NENE	9	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	4/14/2009			<u>4/16/09</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/14/2009 AT 0800 HRS							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

APR 14 2009

DIV. OF OIL, GAS & MINING

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

4/14/2009

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU01196D
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE		6. If Indian, Allottee or Tribe Name
Contact: SHEILA UPCHEGO Mail: sheila.upchego@anadarko.com		7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-7024	8. Well Name and No. NBU 1022-09AT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T10S R22E NENE 472FNL 582FEL		9. API Well No. 43-047-40194
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

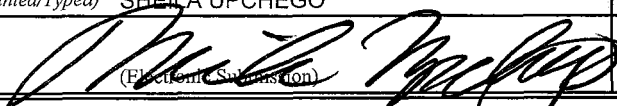
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 9 5/8" 36.7# SCHEDULE 10 PIPE.
CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 04/14/2009 AT 0800 HRS.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #68903 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal	
Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature  (Electronic Submission)	Date 04/14/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ******RECEIVED****APR 20 2009**

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-09AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0551 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401940000
PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/18/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
FINISHED DRILLING FROM 2260' TO 8766' ON 05/17/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/397 SX PREM LITE II @11.7 PPG 2.50 YIELD. TAILED CMT W/1213 SX 50/50 POZ @14.3 PPG 1.31 YIELD. SHUT DOWN DROP PLUG & DISPLACE W/135.5 BBLS TACH HIB WATER W/MAGNITUDE BUMP PLUG @3156 PSI (634 PSI OVER FINAL CIRC PRESS OF 2532 PSI) 15 BBLS CMT TO PIT 1.5 BBL BLED BACK TO TRUCK FULL RETURNS THROUGH OUT JOB NIPPLE DOWN BOP CLEAN PITS. RELEASE PIONEER RIG 69 ON 05/18/2009 AT 1300 HRS		
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 19, 2009 </div>		
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/19/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-09AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0551 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401940000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: Uintah		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER:	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/11/2009	OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 10/11/2009 AT 9:30 A.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 15, 2009		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/14/2009	

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT		Spud Conductor: 4/11/2009		Spud Date: 4/19/2009	
Project: UTAH-UINTAH		Site: NBU 1022-9AT		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 4/19/2009		End Date: 5/18/2009	
Active Datum: RKB @5,155.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/19/2009	20:00 - 0:00	4.00	DRLSUR	02		P		MOVE IN AND RIG UP AIR RIG SPUD WELL @ 2000 HR 4/19/09 DA WITH AIR MIST 420'
4/20/2009	0:00 - 12:00	12.00	DRLSUR	02		P		RIG DRILLED TO 1260' WATERERED OUT HAMMER PREP TO TFNB
	12:00 - 17:00	5.00	DRLSUR	06		P		TRIP DP OUT OF HOLE LAY DOWN HAMMER RIH WITH TRI CONE
	17:00 - 0:00	7.00	DRLSUR	02		P		D/F 1260'-1330' W/ FLUID NO RETURNS
4/21/2009	0:00 - 12:00	12.00	DRLSUR	02	A	P		DRILL 1330'-1640', CIRC W/ SKID PUMP.
	12:00 - 0:00	12.00	DRLSUR	02	A	P		DRILL 1640'- 1990' SURVEY 1700'= 1/4 DEGREE, SURVEY 1980'= 1 DEGREE. CIRC W/ SKID PUMP.
4/22/2009	0:00 - 11:00	11.00	DRLSUR	02	A	P		DRILL 1990'-2260' DRILL W/ NO RETURNS CIRC. W/ SKID PUMP. TD 11:00 4/22/2009
	11:00 - 12:00	1.00	CSG	05	C	P		CIRC AND CONDITION HOLE TO LDDS AND RUN CSG.
	12:00 - 12:30	0.50	CSG	10	A	P		SURVEY 2260'= 3/4 DEGREES
	12:30 - 15:00	2.50	CSG	06	D	P		LAY DOWN DRILL STRING
	15:00 - 17:30	2.50	CSG	12	C	P		RUN 51 JTS OF 9 5/8" 36# J-55 8 RD CSG TO 2215', FLOAT COLLAR SET @ 2170'. NO TIGHT HOLE AND NO FILL.
	17:30 - 18:00	0.50	RDMO	01	E	P		RIG DOWN PROPETRO RIG 11 AND MOVE OUT RI UP PRO PETRO CEMENTERS
	18:00 - 19:00	1.00	CSG	12	E	P		PUMP 160 BBLS OF 8.3# H2O, PUMP 20 BBLSO FO 8.3# GEL WATER. PUMP 300 SX (61.4 BBLS) OF 15.8# 1.15 YD, 5 GAL/SK, OF PREMIUM CEMENT. DISPLACE CSG W/ 167.8 BBLS OF 8.3 H2O, LIFT 320 PSI, BUMP PLUG AND HOLD PSI OF 900. FLOAT HELD. NO RETURNS THROUGH OUT JOB.
	19:00 - 21:00	2.00	CSG	12	E	P		PUMP INITIAL TOP OUT 150 SX (31 BBLS) OF 15.8# 1.15 YD 5 GAL/SK OF PREMIUM CEMENT DOWN BACK SIDE OF CSG. BACK SIDE ON SUCK. WAIT 2 HRS
	21:00 - 23:00	2.00	CSG	12	E	P		TOP OUT 125SX (26 BBLS) OF 15.8# 1.15 YD 5 GAL/SK OF PREMIUM CEMENT DOWN BACK SIDE OF CSG.
	23:00 - 0:00	1.00	CSG	12	E	P		2 MORE TOP OUTS CONSISTING OF 325 SX (65 BBLS) OF 15.8# 1.15 YD 5 GAL/SK, CEMENT TO SURFACE AND STAYED. 2 BBLS OF CEMENT TO PIT.
5/10/2009	3:00 - 10:00	7.00	DRLPRO	01	E	P		RDRT
	10:00 - 16:30	6.50	DRLPRO	01	A	P		MOVE RIG TO NBU 1022-9AT, RAISE DERRICK,SCOPE SUB & DERRICK. WESTROCK ON LOCATION @ 10:00 5-BED,2-HAUL,1 FORKLIFT,5 -SWAMPERS, 1-PUSHER. RELEASED @ 16:30 J & C ENTERPRISE ON LOCATION 10:00 1-OPERATOR, 3- SWAMPERS RELEASED @ 17:30
	16:30 - 23:00	6.50	DRLPRO	01	B	P		RURT
	23:00 - 0:00	1.00	DRLPRO	14	A	P		NIPPLE UP BOP
5/11/2009	0:00 - 3:00	3.00	DRLPRO	14	A	P		NU BOP,CHOKE & FLARE LINES
	3:00 - 9:00	6.00	DRLPRO	15	A	P		HELD SAFETY MEETING W/ B & C QUICKTEST. TEST PIPE RAMS,BLIND RAMS,CHOKE & ALL FLOOR RELATED VALVES F/ 250 PSI LOW TO 5000 PSI HIGH. TEST ANNULAR 250 PSI LOW TO 2500 PSI HIGH, TEST CSG 1500 PSI & HOLD 30 MIN,RIG DOWN. SET WEAR RING

RECEIVED October 14, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT		Spud Conductor: 4/11/2009		Spud Date: 4/19/2009	
Project: UTAH-UINTAH		Site: NBU 1022-9AT		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 4/19/2009		End Date: 5/18/2009	
Active Datum: RKB @5,155.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	9:00 - 13:00	4.00	DRLPRO	06	A	P		HELD SAFETY MEETING, RIG UP WEATHERFORD & PICK UP BHA, DIRECTIONAL TOOL & 48 JTS DP TO 2053', RIG DOWN WEATHERFORD
	13:00 - 14:30	1.50	DRLPRO	09	A	P		SLIP & CUT DRLG LINE
	14:30 - 15:30	1.00	DRLPRO	07	A	P		PRESPUDD RIG INSPECTION & SERVICE
	15:30 - 18:30	3.00	DRLPRO	02	F	P		DRILL FLOAT EQUIPMENT & 45' PREDRILLED HOLE TO 2278' CEMENT TOP 2153' FLOAT 2191' SHOE 2233' ROTARY SPUD @ 18:30 05/11/2009
	18:30 - 0:00	5.50	DRLPRO	02	D	P		DRILL 2278' - 2607' 331' @ 60 FPH, RPM 45, MRPM 105, SPM 125, GPM 473, PU/SO/ROT 85/80/83 ON/OFF PSI 1600/1400, DIFF PSI 200, SWEEPING HOLE. SLIDES 2317'-2325' / 2348'-2356' / 2379' - 2387' / 4211' - 2419' / 2444' - 2452' / 2917' - 2925'
5/12/2009	0:00 - 13:30	13.50	DRLPRO	02	D	P		DRILL & SLIDE F/ 2609' TO 3644' - 1035' @ 76.6' PH, WOB 16-28, MUD WT 8.4, VIS 27, RPM 45 MRPM 105 @ 125 SPM, GPM 473, PU/SO/ROT 90/80/85, DIFF PSI 200-300, GEL SWEEPS EVERY 5 CONN'S, SLIDES - 3014-3022, 3584-3594, 3614-3622
	13:30 - 14:00	0.50	DRLPRO	07	A	P		SERVICE RIG
	14:00 - 0:00	10.00	DRLPRO	02	D	P		DRIL-SLIDE F/ 3644 TO 4404, 760' @ 76' PH, WOB 16-18, MW 8.4, VIS 27, RPM 45, MRPM 105 @ 125 SPM, GPM 473, DIFF PSI 200-300, PU/SO/ROT 110/100/105, ON/OFF PSI 1800-1500, GEL SWEEPS EVERY 5 CONN'S, SLIDES 3708-3718, 3740-3750
5/13/2009	0:00 - 16:00	16.00	DRLPRO	02	D	P		DRLG/SLIDE F/ 4404' TO 5605', 1201' @ 75' PH, WOB 16-18, MW 8.4, VIS 27, RPM 45, MM105, 125 SPM, 473 GPM, PU/SO/ROT 135-125-129 DIFF 200-300, SLIDES 5229-5239
	16:00 - 16:30	0.50	DRLPRO	07	A	P		SERVICE RIG
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRLG/SLIDE F/ 5605' TO 5989', 384' @ 51.2' PH, WOB 18-20, MW 8.5, VIS 27, RPM 45, MM 105, 125 SPM, 473 GPM, PU-SO-ROT, 135-120-130, DIFF 200-300, NO SLIDES
5/14/2009	0:00 - 14:30	14.50	DRLPRO	02	D	P		DRLG F/ 5989 TO 6648', 659' @ 45.4' PH, WOB 18-20, MW 8.5, VIS 28, RPM 45, MM 105, 125 SPM, 473 GPM, PU/SO/ROT- 155-133-150, DIFF 150-300, NO SLIDES
	14:30 - 15:00	0.50	DRLPRO	07	A	P		SERVICE RIG
	15:00 - 0:00	9.00	DRLPRO	02	D	P		DRLG F/ 6648' TO 7016', 368' @ 40.8' PH, WOB 18-20, MW 9.4, VIS 36, RPM 45, MM 105, SPM 125, GPM 473, PU/SO/ROT 158-135-150, DIFF PSI 150-300, NO SLIDES
5/15/2009	0:00 - 15:30	15.50	DRLPRO	02	D	P		DRLG F/ 7016' TO 7628', 612' @ 39.5' PH, WOB 18-20, MW 9.6, VIS 36 RPM 45, MM 105, 125 SPM, 473 GPM, PU/SO/ROT 158-135-150, DIFF PSI 150-300, NO SLIDES
	15:30 - 16:00	0.50	DRLPRO	07	A	P		SERVICE RIG
	16:00 - 21:30	5.50	DRLPRO	08	A	Z		WORK ON ROT TABLE OILER/COOLER MOTOR
	21:30 - 0:00	2.50	DRLPRO	02	D	P		DRLG F/ 7628' TO 7718' - 90' @ 36' PH, WOB 20, MW 10.5, VIS 37, RPM 40-45, MM RPM 99, SPM 120, 451 GPM, PU/SO/ROT - 165, 140, 155, DIFF PSI 100-300, NO SLIDES
5/16/2009	0:00 - 13:00	13.00	DRLPRO	02	D	P		DRLG F/ 7718' TO 8134' - 416' @ 32' PH, WOB 22, MW 11.2, VIS 37, RPM 40, MM 99, 115 SPM, 435 GPM, PU/SO/ROT 165, 155, 150, DIFF PSI 150-350
	13:00 - 13:30	0.50	DRLPRO	07	A	P		SERVICE RIG

RECEIVED October 14, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT		Spud Conductor: 4/11/2009		Spud Date: 4/19/2009	
Project: UTAH-UINTAH		Site: NBU 1022-9AT		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 4/19/2009		End Date: 5/18/2009	
Active Datum: RKB @5,155.00ft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	13:30 - 0:00	10.50	DRLPRO	02	D	P		DRLG F/ 8134, TO 8577' - 443' @ 42.2' PH, WOB 22, MW 11.5, VIS 40, RPM 40, MM 99, 115 SPM, 435 GPM, PU/SO/ROT 185,175,180,DIFF PSI 150-350
5/17/2009	0:00 - 5:00	5.00	DRLPRO	02	D	P		DRLG F/ 8577' TO 8766' 189' @ 37.8' PH, WOB 22, MW 11.5, VIS 40 RPM 40, MM 99, 115 SPM, 435 GPM, PU/SO/ROT 190-150-170, DIFF PSI 150-350, @ 8327' TO 8418', 2183 PEAK FORM GAS W/ 10' FLARE
	5:00 - 6:00	1.00	DRLPRO	05	C	P		C&C HOLE F/ SHORT TRIP
	6:00 - 8:00	2.00	DRLPRO	06	E	P		SHORT TRIP 20 STDs
	8:00 - 9:30	1.50	DRLPRO	05	C	P		C&C HOLE TO LDDS
	9:30 - 16:30	7.00	DRLPRO	06	B	P		HPJSM W/ RIG & L/D CREWS, PUMP PILL & LDDS, L/D DIR TOOLS, PULL WEAR BUSHING
	16:30 - 22:00	5.50	DRLPRO	11	C	P		HPJSM W/ RIG & LOGGING CREWS, RUN TRIPLE COMBO TO 4178' BRIGDED OFF, POOH W, TOOL, REMOVE BOW SPRING, RIH HAT BRIGDE @ SAME SPOT 4178 WORKED TOOL COULD NOT GET THOURGH POOH & R/D LOGGERS
	22:00 - 0:00	2.00	DRLPRO	12	C	P		HPJSM W/ RIG & CASING CREWS, RIG UP & RUN 4 1/2" CASING
5/18/2009	0:00 - 4:00	4.00	DRLPRO	12	C	P		FINISH RUNNING CASING TO 8760; FILL PIPE @ 30 JOTS IN, HIT TIGHT SPOT @ 4178' FELL THOUGH RAN 5 MORE JTS & BROKE CIRC @ 4388', RUN TO BOTTOM NO PROBLEMS
	4:00 - 6:00	2.00	DRLPRO	05	D	P		CIRC CASING, R/D CASING CREW,HPJSM W/ RIG & CEMENTING CREWS, R/U CEMENTERS
	6:00 - 9:00	3.00	DRLPRO	12	E	P		CEMENT W/ BJ, TEST LINES TO 4250, PUMP 40 BBLs FRESH WATER SPACER 8.34 PPG, LEAD 397 SKS, 11.7 PPG, 2.5 YLD, TAIL 1213 SKS, 14.3 PPG, 1.31 YLD SHUT DOWN DROP PULG & DISPLACE W/ 135.5 BBLs TECH HIB WATER W/ MAGNITUDE, BUMP PLUG @ 3166 PSI (634 PSI OVER FINAL CIRC PSI OF 2532 PSI, 15 BBLs CEMENT TO PIT, 1.5 BBL BLED BACK TO TRUCK, FULL RETURNS THOUGHOUT JOB, R/D CEMENTERS
	9:00 - 13:00	4.00	DRLPRO	14	A	P		N/D BOP, CLEAN PITS & RELEASE RIG @ 13:00 HRS 5/18/09

RECEIVED October 14, 2009

US ROCKIES REGION Operation Summary Report

Well: NBU 1022-9AT	Spud Conductor: 4/11/2009	Spud Date: 4/19/2009
Project: UTAH-UINTAH	Site: NBU 1022-9AT	Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 10/5/2009	End Date: 10/9/2009
Active Datum: RKB @5,155.00ft (above Mean Sea Level)	UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
4/19/2009	-							
10/5/2009	12:00 - 16:30	4.50	COMP	30	A	P		ROAD RIG FROM NBU 921-32P TO LOC, MIRU MILE'S RIG #1, N/D WH, N/U BOPS, R/U TBG EQUIP, PREPARE TO P/U TBG IN AM. SDFN
10/6/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING #2, DAY 2
	7:15 - 12:30	5.25	COMP	31	I	P		TALLY 2 3/8" J-55 TBG, P/U TIH TO @ 6600', TOOH W/ TBG STANDING IN DERRICK.
	12:30 - 14:30	2.00	COMP	34		P		N/D BOPS, N/U FRAC VALVE, PRESSURE TEST CSG & FRAC VALVE TO 7200#, OK, R/U CASED HOLE WIRELINE, RIH W/ GAUGE RING TO
	14:30 - 17:30	3.00	COMP	37	B	P		(PERF STG #1) RIH W/ PERF GUNS, PERF THE MESA VERDE @ 8592' - 8592', 8472' - 8476', 8432' - 8436', 3-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90* PHS, 42 HOLES, NO PRESSURE, SHUT WELL IN SDFN
10/7/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING W/ SCHLUNBERGER
	7:15 - 8:00	0.75	COMP	36	E	P		CASED HOLE AND RIG CREW, DAY #3
								(STG #1) R/U SCHLUMBERGER, PRESSURE TEST SURFACE LINE TO 8200#, WHP = 1685 #, BRK DN PERF 3201 # @ 3 B/M, INJ-RT = 51.8 B/M, INJ-P = 4600 #, ISIP = 2650#, F.G. = 0.74 , PUMP 3 BBLS 15 % HCL AHEAD OF INJ, CALC ALL PERF OPEN, PUMP 1600 BBLS SLK WTR & 57671 # OTTAWA SAND, ISIP = 2700 #, F.G.=0.75 , NPI = 50 , MP = 6714 #, MR = 52.1 B/M, AP = 4465 #, AR = 48.6 B/M, 52671 # 30/50 OTTAWA SD, 5000 # TLC SD, GALS CLAYTREAT, GALS FRW, GALS NALCO SCALE INHIB, GAL NALCO BIOCID
	8:00 - 10:45	2.75	COMP	36	E	P		(STG #2) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 8354', PERF THE MESA VERDE @ 8322'-8324' 3-SPF, 8298'-8302' 4-SPF, 8262'-8264' 4-SPF, 8208'-8212' 3-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90* PHS, 42 HOLES, WHP = 466 #, BRK DN PERF @ 3084# @ 5 B/M, INJ-RT = 51.8 B/M, INJ-P = 4560 #, ISIP = 2350 #, F.G. = .071, CALC ALL PERF OPEN, PUMP 2413 BBLS SLK WTR & 90232 # OTTAWA SAND, ISIP = 2850 #, F.G.= 0.77, NPI = 500 , MP = 5977# , MR = 52.3 B/M, AP = 4392 #, AR 49.5 B/M, 85232 # 30/50 SAND, 500 # TLC SAND, 240 GALS CLAYTREAT, 48 GALS FRW, 160 GALS NALCO SCALE INHIB, 48 GALS NALCO BIOCID,

RECEIVED October 14, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT	Spud Conductor: 4/11/2009	Spud Date: 4/19/2009
Project: UTAH-UINTAH	Site: NBU 1022-9AT	Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 10/5/2009	End Date: 10/9/2009
Active Datum: RKB @5,155.00ft (above Mean Sea Level)	UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	10:45 - 13:00	2.25	COMP	36	E	P		(STG #3) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 8096', PERF THE MESA VERDE @ 8060'-8066, 7940'-7944', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90* PHS, 40 HOLES, WHP = 1525 #, BRK DN PERF @ 3186 # @ 5 B/M, INJ-RT = 49.8 B/M, INJ-P = 4600 #, ISIP = 2500 #, F.G. = 0.74 , CALC ALL PERF OPEN, PUMP 2162 BBLS SLK WTR & 78579 # OTTAWA SAND, ISIP = 2750 #, F.G.= 0.77, NPI = 250, MP = 5723 #, MR = 52.5 B/M, AP = 4357 #, AR = 48.5 B/M, 73579 # 30/50 SAND, 5000 # TLC SAND, GALS CLAYTREAT, GALS FRW, GALS NALCO SCALE INHIB., GALS NALCO BIOCID
	13:00 - 14:30	1.50	COMP	36	E	P		(STG #4) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 7856', PERF THE MESAVERDE @ 7822'-7828', 7792'-7796', 7710'-7714', 3-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90* PHS, 42 HOLES, WHP = 500 #, BRK DN PERF @ 3457 # @ 5 B/M, INJ-RT = 51.8 B/M, INJ-P = 3763 #, ISIP = 2100 #, F.G.= 0.70 , CALC ALL PERF OPEN, PUMP 661 BBLS SLK WTR & 21987 # OTTAWA SAND, ISIP = 2300 #, F.G.= 0.73 , NPI = 200 , MP = 5046 #, MR = 52.6 B/M, AP = 3763 #, AR = 48.3 B/M, 16987 # 30/50 SD, 5000 # TLC SD, 66 GALS CLAYTREAT, 13 GALS FRW, 77 GALS NALCO SCALE INHIB, 13 GALS NALCO BIOCID,
	14:30 - 16:00	1.50	COMP	36	E	P		(STG #5) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 7654', PERF THE MESAVERDE @ 7619'-7624' 3-SPF, 7558'-7762' 4-SPF, 7530'- 7532' 3-SPF, 7500'-7502' 3-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90* PHS, 43 HOLES, WHP = 300 #, BRK DN PERF @ 2831# @ 5 B/M, INJ-RT = 52 B/M, INJ-P = 4000 #, ISIP = 1700 #, F.G.= 0.65 , CALC ALL PERF OPEN, PUMP 847 BBLS SLK WTR & 32625 # OTTAWA SAND, ISIP = 2500 #, F.G. = 0.76 , NPI = 800, MP = 5121 #, MR = 52.7 B/M, AP = 3863 #, AR = 48.6 B/M, 27625 # 30/50 OTTAWA SD, 5000 # TLC SD, 87 GALS CLAYTREAT, 18 GALS FRW, 87 GALS NALCO SCALE INHIB, 17 GALS NALCO BIOCID,
	16:00 - 17:30	1.50	COMP	36	E	P		(STG #6) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 7380', PERF THE MESAVERDE @ 7344'-7350', 7262'-7266', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90* PHS, 40 HOLES, WHP = 290#, BRK DN PERF @ 3581# @ 5 B/M, INJ-RT = 51.8 B/M, INJ-P = 4290#, ISIP = 2000#, F.G.= 0.70, CALC 95% PERF OPEN, PUMP 1176 BBLS SLK WTR & 47730 # OTTAWA SAND, ISIP = 2500#, F.G.= 0.77, NPI = 500, MP = 5358#, MR = 52.3 B/M, AP = 4006#, AR = 47.4 B/M, 42730# 30/50 OTTAWA SD, 5000# TLC SD, 1109 GALS CLAYTREAT, 24 GALS FRW, 104 GALS NALCO SCALE INHIB, 24 GALS NALCO BIOCID,

RECEIVED October 14, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT	Spud Conductor: 4/11/2009	Spud Date: 4/19/2009
Project: UTAH-UINTAH	Site: NBU 1022-9AT	Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 10/5/2009	End Date: 10/9/2009
Active Datum: RKB @5,155.00ft (above Mean Sea Level)	UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	17:30 - 19:00	1.50	COMP	37	B	P		(PERF STG #7) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 7198', PERF THE MESAVERDE @ 7165'-7168' 4-SPF, 7128'-7130' 3-SPF, 7065'-7067' 3-SPF, 7029'-7031' 4-SPF, 6950'-6953' 4-SPF, USING 3 3/8" EXP GUNS, 23gm, 0.36 HOLE, 90* PHS, 44 HOLES. SHUT WELL IN SDFN.
10/8/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING W/ SCHLUMBERGER, CASED HOLE, RIG CREW, DAY #4,
	7:15 - 11:30	4.25	COMP	36	E	P		(STG # 7) PRESSURE TEST LINES TO 8000#, OK, WHP = 660 #, BRK DN PERF @ 2413# @ 5 B/M, INJ-RT = 51.7 B/M, INJ-P = 3800 #, ISIP = 1500 #, F.G.= 0.64 , CALC 83% PERF OPEN, PUMP 2425 BBLS SLK WTR & 97212 # OTTAWA SAND, ISIP = 2505 #, F.G.= 0.78 , NPI = 1005, MP = 5502 #, MR = 52.4B/M, AP = 3723# , AR = 49.8 B/M, 92212 # 30/50 OTTAWA SD, 5000 # TLC SD, 241 GALS CLAYTREAT, 50 GALS FRW, 156 GALS NALCO SCALE INHIB, 50 GALS NALCO BIOCID,
								(STG #8) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 6876', PERF THE MESAVERDE @ 6842'-6846' 3-SPF, 6808'-6812' 3-SPF, 6730'-6734' 4-SPF, USING 3 3/8" EXP GUNS, 23gm, 0.36 HOLE, 90* PHS, 44 HOLES, WHP = 480#, BRK DN PERF @ 2422# @ 5 B/M, INJ-RT = 50 B/M, INJ-P = 3660 #, ISIP = 1611 # F.G.= 0.67, CALC 93% PERF OPEN, PUMP 1430 BBLS SLK WTR & 62883 # OTTAWA SAND, ISIP = 2180 #, F.G.= 0.75 , NPI = 569 , MP = 5097 #, MR = 51.1 B/M, AP = 3838 #, AR = 46.6 B/M, 57883 # 30/50 OTTAWA SD, 5000 # TLC SD, 137 GALS CLAYTREAT, 31 GALS FRW, 68 GALS NALCO SCALE INHIB, 36 GALS NALCO BIOCID,
								(KILL PLUG) RIH W/ HALLIBURTON 8K CBP, SET CBP @ 6680', POOH R/D CASED HOLE WIRELINE AND SCHLUMBERGER FRAC,
								TOTAL FLUID - 12,947 BBLS SLK WTR, TOTAL SAND = 488,919# TOTAL CLAYTREAT = 1262 GALS, TOTAL FRW = 259 GALS TOTAL NALCO SCALE INHIB = 985 GALS, TOTAL NALCO BIOCID = 263 GALS
	11:30 - 15:00	3.50	COMP	31	I			N/D FRAC VALVE N/U BOPS AND TBG EQUIP. P/U 3 7/8" MILL AND POBS, TIH W/ 2 3/8" TBG TO @ 6680', R/U POWER SWIVEL, PREPARE TO DRILL CBP IN AM, SWI, SDFN,
10/9/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING #5, DAY 5,

RECEIVED October 14, 2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT	Spud Conductor: 4/11/2009	Spud Date: 4/19/2009
Project: UTAH-UINTAH	Site: NBU 1022-9AT	Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 10/5/2009	End Date: 10/9/2009
Active Datum: RKB @5,155.00ft (above Mean Sea Level)	UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 7:15	0.00	COMP	44	C	P		<p>R/U POWER SWIVEL, TAG CBP @ 6680', ESTB CIRC DN TBG OUT CSG,</p> <p>(DRLG CBP #1) 6680', DRILL OUT HALLIBURTON 8K CBP IN 3 MIN, 25 # DIFF, RIH TAG @ 6846', C/O 30' SAND, FCP = 50#,</p> <p>(DRLG CBP #2) 6876', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 50 # DIFF, RIH TAG @ 7150', C/O 48' SAND, FCP = 100#,</p> <p>(DRLG CBP #3) 7198', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 100# DIFF, TIH TAG @ 7350', C/O 30' SAND, FCP = 200#,</p> <p>(DRLG CBP #4) 7380', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 150# DIFF, RIH TAG @ 7634', C/O 20' SAND, FCP = 350#,</p> <p>(DRLG CBP #5) 7654', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 100# DIFF, RIH TAG @ 7848', C/O 10' SAND, FCP = 450#,</p> <p>(DRLG CBP #6) 7858', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 75# DIFF, RIH TAG @ 8050', C/O 38' SAND, FCP = 525#,</p> <p>(DRLG CBP #7) 8096', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 50 # DIFF, RIH TAG @ 8325', C/O 29' SAND, FCP = 600#,</p> <p>(DRLG CBP #8) 8354', DRILL OUT HALLIBURTON 8K CBP IN 5 MIN, 50 # DIFF, RIH TAG @ 8620', C/O 30' SAND AND 67' BS TO PBTD @ 8717', FCP = 650#,</p> <p>CIRC WELL CLEAN, R/D POWER SWIVEL POOH LAY DN 17 JTS ON TRAILER, LAND TBG W/ HANGER W/ 259 JTS 2 3/8" J-55 TBG, EOT @ 8181.62', R/D FLOOR AND TBG EQUIP, N/D BOPS, DROPBALL DN TBG, N/U WH, PUMP OFF BIT SUB @ 1900#, WAIT 30 MIN FOR BIT TO FALL TO BTM, OPEN WELL UP ON 48/64 CHOKE TO TK TO CLEAN UP, PUT WELL ON 20/64 CHOKE TO TK, FTP = 1450#, SICP= 2100#, TURN WELL OVER TO FBC @ 4:00 P. M., W/ 8983 BBLS WTR LTR, AVG. 5 MIN / PLUG W/ 230 ' SAND @ 30' / PLUG, R/D SERVICE UNIT MOVE OFF LOC,</p> <p>285 JTS DELV. 259 JTS LANDED 26 JTS RETURNED</p> <p>K.B. = 18:00' HANGER = .83' 259 JTS 2 3/8" J-55 TBG = 8160.59' XN-NIPPLE POBS = 2.20'</p> <p style="text-align: right;">EOT =</p>

RECEIVED October 14, 2009

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-9AT		Spud Conductor: 4/11/2009		Spud Date: 4/19/2009	
Project: UTAH-UINTAH		Site: NBU 1022-9AT		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 10/5/2009		End Date: 10/9/2009	
Active Datum: RKB @5,155.00ft (above Mean Sea Level)			UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/10/2009	7:00 -			33	A			8181.62' 7 AM FLBK REPORT: CP 2450#, TP 2150#, 20/64" CK,60 BWPH, HEAVY SAND, - GAS TTL BBLS RECOVERED: 5380 BBLS LEFT TO RECOVER: 8097
10/11/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 3000#, TP 2300#, 20/64" CK,45 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 6770 BBLS LEFT TO RECOVER: 6707
	10:00 -		PROD	50				WELL TURNED TO SALE @ 1000 HR ON 10/11/09 - FTP 2325#, CP 3200#, 1.4 MCFD, 45 BWPD, 20/64 CK
10/12/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 3150#, TP2300#, 20/64" CK, 35 BWPH, MEDIUM SAND, 1.4 GAS TTL BBLS RECOVERED: 7692 BBLS LEFT TO RECOVER:5785
10/13/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 3000#, TP 2200#, 20/64" CK, 27 BWPH, LIGHT SAND, 1.4 GAS TTL BBLS RECOVERED: 8412 BBLS LEFT TO RECOVER: 5065
10/14/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2850#, TP 2050#, 20/64" CK, 43 BWPH, TRACE SAND, 1.4 GAS TTL BBLS RECOVERED: 9060 BBLS LEFT TO RECOVER:4417

RECEIVED October 14, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-09AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0551 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401940000
PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/18/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. FINISHED DRILLING FROM 2260' TO 8766' ON 05/17/2009. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/397 SX PREM LITE II @11.7 PPG 2.50 YIELD. TAILED CMT W/1213 SX 50/50 POZ @14.3 PPG 1.31 YIELD. SHUT DOWN DROP PLUG & DISPLACE W/135.5 BBLS TACH HIB WATER W/MAGNITUDE BUMP PLUG @3156 PSI (634 PSI OVER FINAL CIRC PRESSURE OF 2532 PSI) 15 BBLS CMT TO PIT 1.5 BBL BLED BACK TO TRUCK FULL RETURNS THROUGH OUT JOB NIPPLE DOWN BOP CLEAN PITS. RELEASE PIONEER RIG 69 ON 05/18/2009 AT 1300 HRS		
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 19, 2009 </div>		
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/19/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196D			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		8. WELL NAME and NUMBER: NBU 1022-09AT			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. API NUMBER: 43047401940000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0551 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/19/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil and Gas Onshore, LP respectfully requests authorization to temporarily abandon the NBU 1022-09AT well to accommodate drilling operations for the NBU 1022-9A Pad, which includes the following well locations: NBU 1022-9A1BS, NBU 1022-9A4BS, NBU 1022-9B4BS, NBU 1022-9H1BS and NBU 1022-9HICS . Please see the attached procedure for specifics. Thank you.					
NAME (PLEASE PRINT) Kristina Geno		PHONE NUMBER 720 929-6824			
SIGNATURE N/A		TITLE Regulatory Analyst DATE 12/18/2014			

Well Name: **NBU 1022-9AT**
Surface Location: NENE Sec. 9, T10S, R22E
 Uintah County, UT

12/17/14

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Kill well, pull EOT to above top set of perms, install tubing hanger with internal threads and set VR plug, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304740194 **LEASE#:** U-01196-D
ELEVATIONS: 5137' GL 5155' KB
TOTAL DEPTH: 8761' **PBTD:** 8716'
SURFACE CASING: 9 5/8", 36# J55 @ 2233'
PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8761'
 Estimated TOC @ ±2050' per CBL (there is no data above 1650')
PRODUCTION TUBING: 2 3/8" 4.7 J-55 TBG @ 8182'
PERFORATIONS: MESAVERDE 6730' – 8598'

TUBULAR PROPERTIES:

	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155
2.375" X 4.5" annulus				0.4227	0.0565	0.0101

GEOLOGICAL TOPS:

4277' Wasatch
 6728' Mesaverde

NBU 1022-9AT TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 24 sx of cement needed to perform procedure.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE. PULL TUBING.
2. NOTE A GYRO WAS RUN TO ONLY TO 2100' ON 5/1/2009. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE MV PERFORATIONS (6730' – 8598'):** RIH W/ 4 ½" CBP. SET @ ~6685'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 9.2 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC ~6580' (105' COVERAGE). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT TOP OF WASATCH (4277'):** PUH TO ~4377'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4167' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

RBM 12/17/14

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-09AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0551 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401940000
10. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		STATE: UTAH
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/21/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the temporary abandonment operations on the NBU 1022-09AT well location on 4/21/2015. Please see the attached operations summary report for details. Thank you.		
NAME (PLEASE PRINT) Jennifer Thomas		PHONE NUMBER 720 929-6808
SIGNATURE N/A		TITLE Regulatory Specialist
DATE 5/4/2015		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 05, 2015

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 1022-9AT			Spud Conductor: 4/11/2009			Spud date: 4/19/2009		
Project: UTAH-UINTAH			Site: NBU 1022-9AT			Rig name no.: MILES-GRAY 1/1		
Event: ABANDONMENT			Start date: 4/20/2015				End date: 4/21/2015	
Active datum: RKB @5,155.00usft (above Mean Sea Level)				UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
4/20/2015	7:00 - 7:15	0.25	ABANDT	48		P		SAFETY = JSA.
	7:15 - 12:30	5.25	ABANDT	30	A	P		RDMO NBU 922-32C3DS. ROAD RIG TO LOCATION. MIRU. SPOT IN EQUIP. SICP & SITP= 80#. BLOW DOWN WELL TO PRODUCTION TANK. CNTRL TBG W/ 20BBLS TMAC. CNTRL CSG W/ 20BBLS TMAC. NDWH. NUBOP. R/U FLOOR & TBNG EQUIP.
								NOTE: WELLHEAD BOLTS RUSTED & GUALDED VERY BAD.
	12:30 - 17:00	4.50	ABANDT	31	I	P		MIRU SCANNERS. POOH WHILE SCANNING 259JTS 2-3/8" J-55 TBNG. SCAN RESULTS AS FOLLOWS: Y-BND= 146JTS B-BND= 62JTS. R-BND= 51JTS. HEAVY SCALE. WALL LOSS & PITTING. LAST 51JTS IN THE WELL. PIPE HAD TO BE CLEANED WHILE POOH DUE TO HEAVY SCALE & THE RISK OF A BAD SLIP SET. SCANNERS WERE RDMO AFTER 218JTS WERE SCANNED DUE TO RISK FACTORS CAUSED BY THE SCALE. SHUT BLIND RAMS. LOCK BLIND RAMS. CSNG TO SALES. SDFN.
4/21/2015	7:00 - 7:15	0.25	ABANDT	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	ABANDT	34	I	P		FCP= 70#. BLOW DOWN CSG TO FLOWBACK TANK. CNTRL CSG W/ 20BBLS TMAC. MIRU WIRELINE. RIH W/ 3.70" GR-JB @ 6700'. POOH & L/D GR-JB. P/U & RIH W/ HAL 8K CBP. SET CBP @ 6685'. POOH W/ WIRELINE. RDMO WIRELINE.

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-9AT		Spud Conductor: 4/11/2009		Spud date: 4/19/2009	
Project: UTAH-UINTAH		Site: NBU 1022-9AT		Rig name no.: MILES-GRAY 1/1	
Event: ABANDONMENT		Start date: 4/20/2015		End date: 4/21/2015	
Active datum: RKB @5,155.00usft (above Mean Sea Level)		UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:00 - 15:00	6.00	ABANDT	51	D	P		<p>P/U & RIH W/ N.C. + 212JTS 2-3/8" J-55 TBNG. T/U ON CBP @ 6685'. PUH 10'. MIRU CMT CREW. BREAK CONV. CIRC W/ 105BBLS TMAC UNTIL RETURNS CLEAN. PRESSURE TEST CSG & CBP GOOD @ 700#. LOST 5# IN 10MIN. BLEED OFF PRESSURE. PUMP CMT PLUG AS FOLLOWS:</p> <p>EOT @6675'. BREAK CIRC W/ 2BBLS FRESH WATER. PUMP 8SX 15.8# NEAT "G" CMT. DISPLACE W/ 23BBLS TMAC. R/D CMT.</p> <p>POOH WHILE L/D 73JTS TBNG. LEAVE EOT @ 4377' W/ 139JTS TBNG IN THE WELL. MIRU CMT CREW. PUMP BALANCE PLUG AS FOLLOWS:</p> <p>EOT @4377'. BREAK CIRC W/ 4BBLS FRESH WATER. PUMP 16SX 15.8# NEAT "G" CMT. DISPLACE W 17BBLS TMAC. RDMO CMT CREW.</p> <p>POOH WHILE L/D REMAINING 139JTS TBNG. R/D FLOOR & TBNG EQUIP. TOP OFF CSNG W/ 3BBLS TMAC. NDBOP. R/D RIG. RACK OUT EQUIP. PREP FOR RIG MOVE IN THE A.M.</p>
	15:00 - 17:30	2.50	ABANDT	53	A	P		<p>ROUSTABOUT DIG AROUND WELLHEAD TO EXPOSE FLANGE. CAMERON REMOVED WELLHEAD & INSTALL CAP. T/A COMPLETE.</p> <p>WELLHEAD COORDINATES: LAT: 39.96936 LONG: -109.43681</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-09AT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0551 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401940000
10. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		STATE: UTAH
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/1/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The NBU 1022-9AT well was returned to production on 10/1/2015 following a temporary abandonment. Please see the attached operations summary report for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 06, 2015		
NAME (PLEASE PRINT) Jennifer Thomas		PHONE NUMBER 720 929-6808
SIGNATURE N/A		TITLE Regulatory Specialist
DATE 10/5/2015		

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-9AT			Spud Conductor: 4/11/2009			Spud date: 4/19/2009		
Project: UTAH-UINTAH			Site: NBU 1022-9A PAD				Rig name no.:	
Event: ABANDONMENT			Start date: 9/28/2015				End date: 9/30/2015	
Active datum: RKB @5,155.00usft (above Mean Sea Level)			UWI: NE/NE/0/10/S/22/E/9/0/0/6/PM/N/447.00/E/0/551.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
8/30/2015	7:00 -							REBUILD PROD FACILITIES TO RETURN WELL TO PRODUCTION
9/30/2015	6:45 - 7:00	0.25	ABANDT	48		P		HSM.
	7:00 - 11:00	4.00	ABANDT	44	D	P		SICP = 650 PSI. BLOW WELL DOWN T/ PIT. RIH W/ 5 JTS. RU DRL EQUIP. BRK CONV CIRC W/ FOAM UNIT W/ N2 (45 MIN) DRL OUT PATCHY SCALE F/ 8074' - 8576' = 100' RAT HOLE. (SCALE WAS NOT HARD T/ DRL) CIRC WELL CLEAN W/ FOAM UNIT W/ N2 FOR 45 MIN.
	11:00 - 15:00	4.00	ABANDT	31	I	P		RD DRL EQUIP. POOH LD 13 JTS EXCESS TBG. PU 71/16 TBG HNGR. LAND TBG W/ 260 JTS 23/8 J-55 DOUBLE BLUE BAND W/ 1.875 XN. EOT @ 8172'. RD TBG EQUIP & RIG FLOOR. ND BOP, NU WH. DROP BALL. PUMP BIT OFF W/ 1790 PSI (USED FOAM UNIT W/ N2 T/ PUMP BIT OFF). SICP = 1054 PSI. SWI FOR PSI BUILD UP. RACK OUT RIG EQUIP, RD RIG. ROAD RIG T/ NBU 1022-3H1BS. SDFN.